

The Impact of Resource Allocation Decisions on Crew Workload Capacity

In Search of a Common Denominator for Manpower Requirements Management

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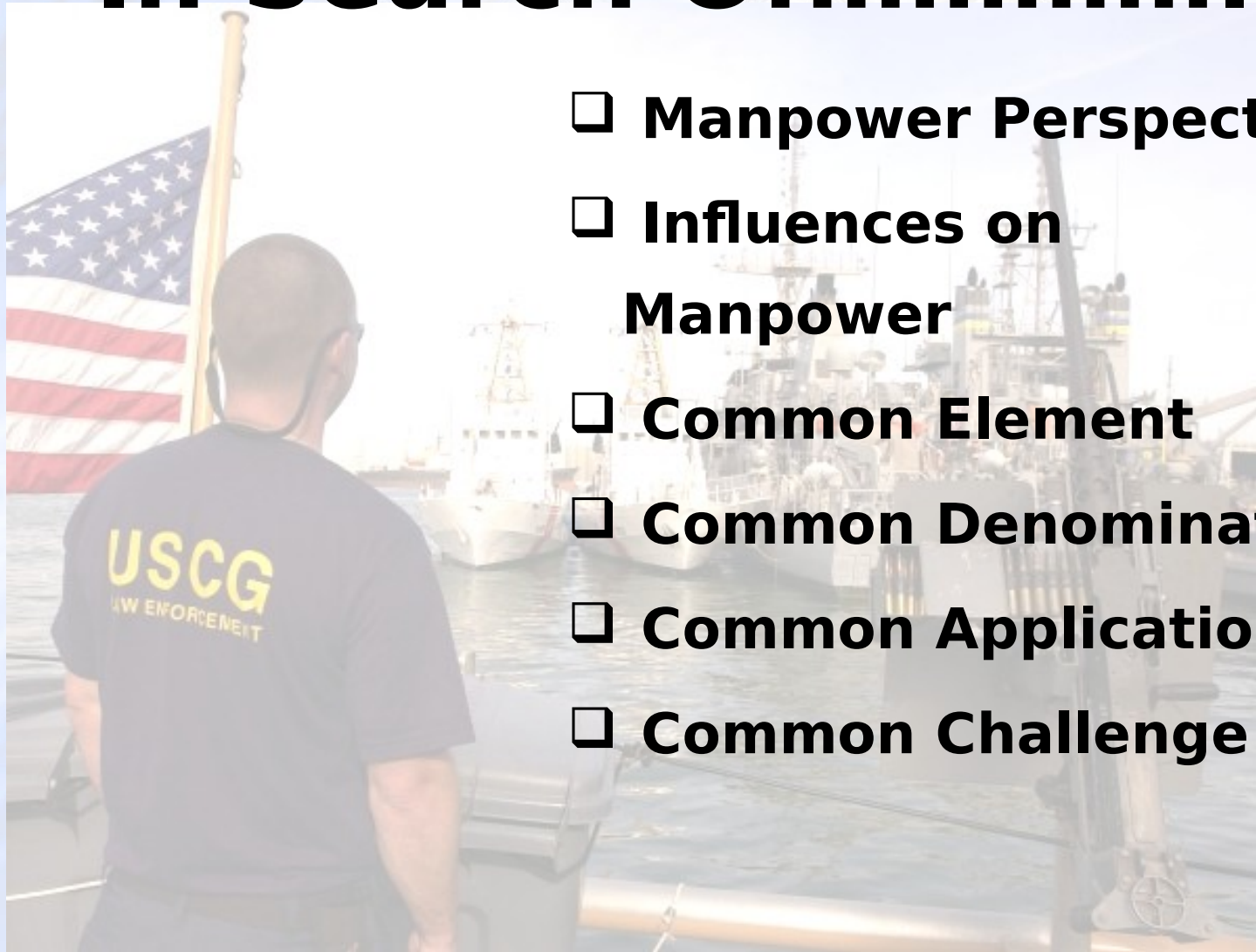
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In Search Of.....

- ☐ Manpower Perspectives
- ☐ Influences on Manpower
- ☐ Common Element
- ☐ Common Denominator
- ☐ Common Application
- ☐ Common Challenge



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Manageable Capability



☐ CFOs

☐ Program Mgrs

☐ PEOs



☐ Difficult to Model

☐ Non-Responsive

☐ Cross Purposes



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Influential Elements



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Diverse Fronts

Initiatives	Programs	Disciplines
<input type="checkbox"/> Op Manning <input type="checkbox"/> Smartship <input type="checkbox"/> Sea Swap <input type="checkbox"/> FRP <input type="checkbox"/> Mission Mod <input type="checkbox"/> Joint	<input type="checkbox"/> Deepwater <input type="checkbox"/> LCS <input type="checkbox"/> DD(X) <input type="checkbox"/> HSV <input type="checkbox"/> X-Craft <input type="checkbox"/> VUAV	<input type="checkbox"/> USCG R&D <input type="checkbox"/> NAVSEA <input type="checkbox"/> ONR <input type="checkbox"/> MAAD <input type="checkbox"/> HFE <input type="checkbox"/> IMPRINT

Homeland Defense O/F/OEF \$\$\$

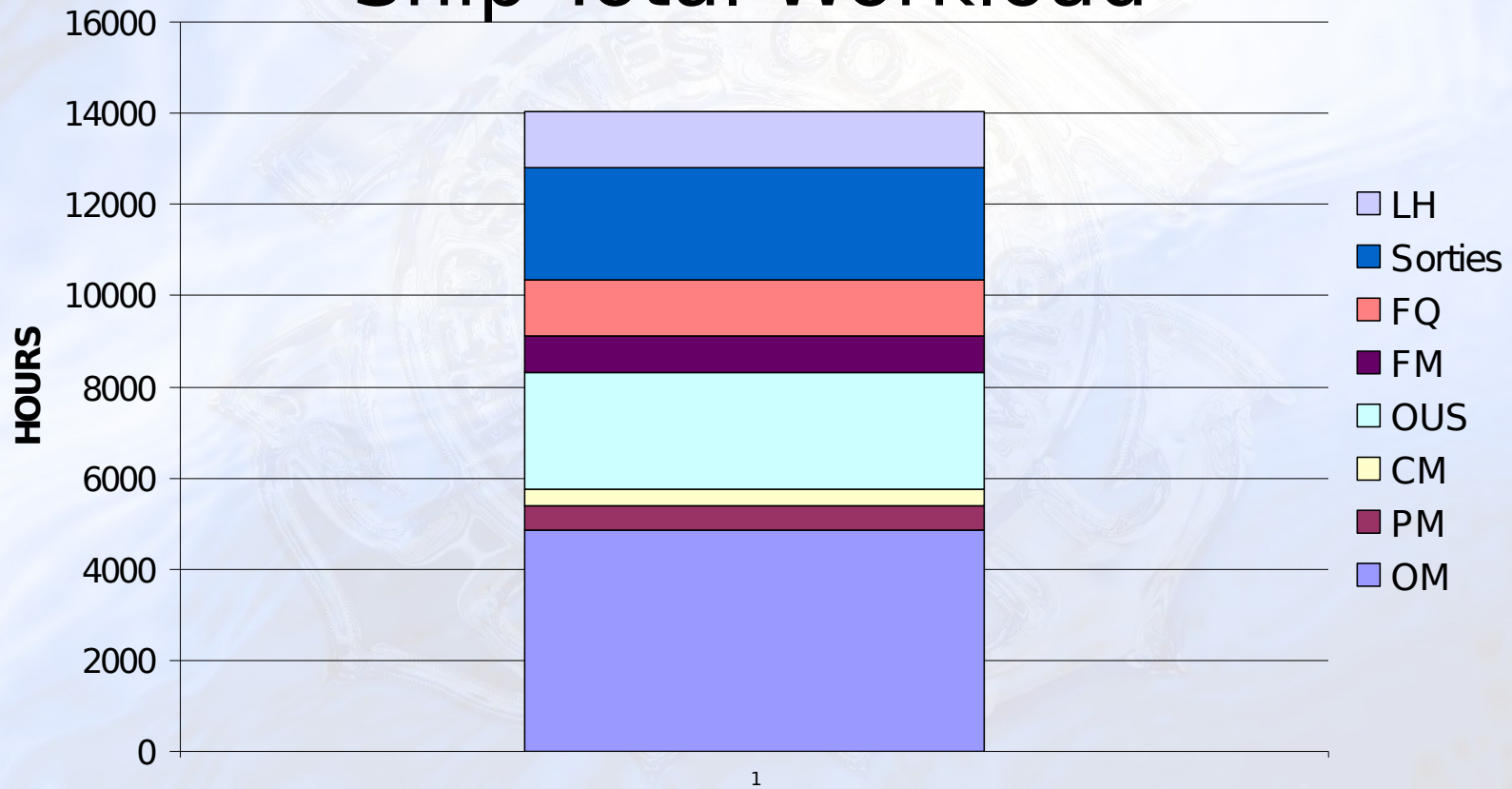
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A Common Element

Ship Total Workload



WORKLOAD

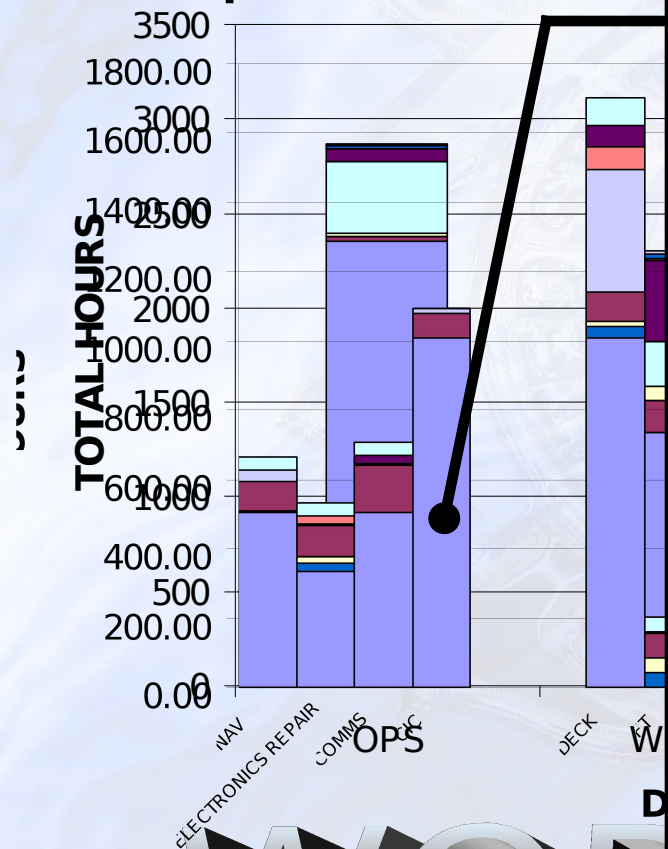
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A Common Denominator

Ship Total Workload By Department



- Link to Rate
- Link to Policy
- Link to ECP
- Link to CLIN
- Link to Maintenance Data
- Link to SMD
- Link to Modeling Results
- Link to Skill Object

WORKLOAD

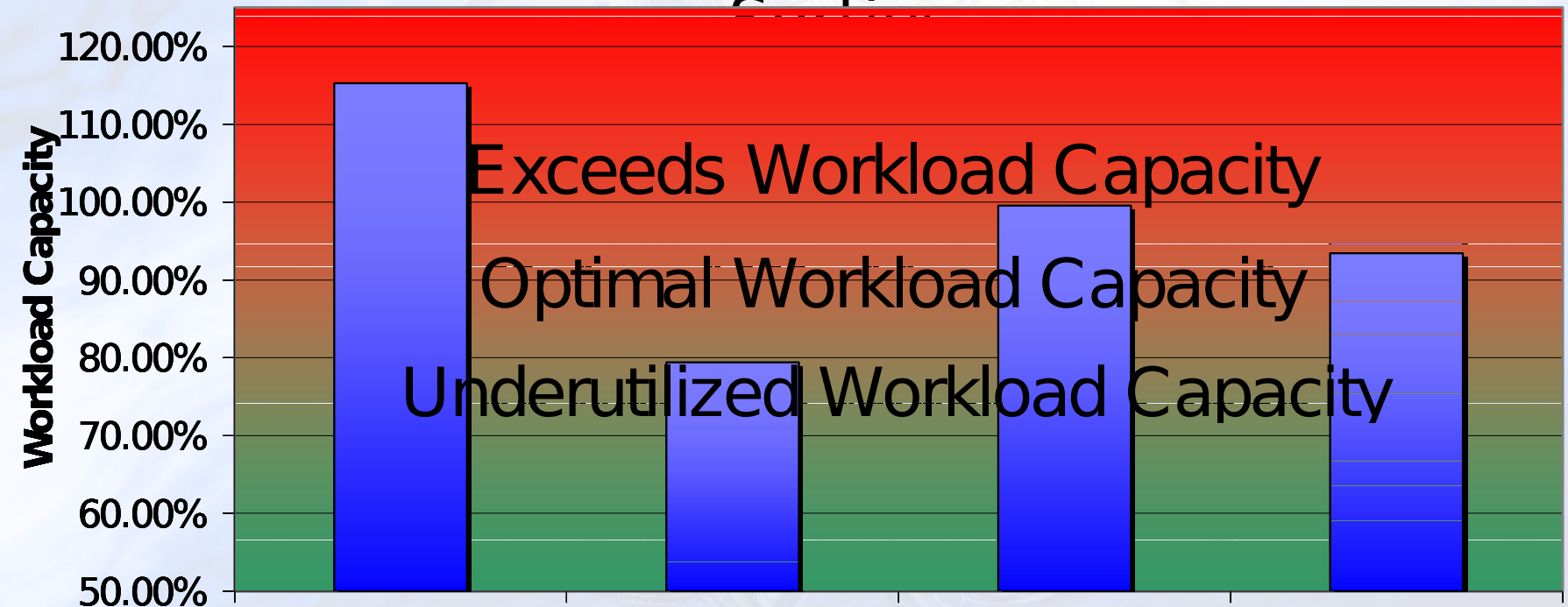
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A Common Application

56 Day Patrol @ 50% FQ & 50% Small Boat



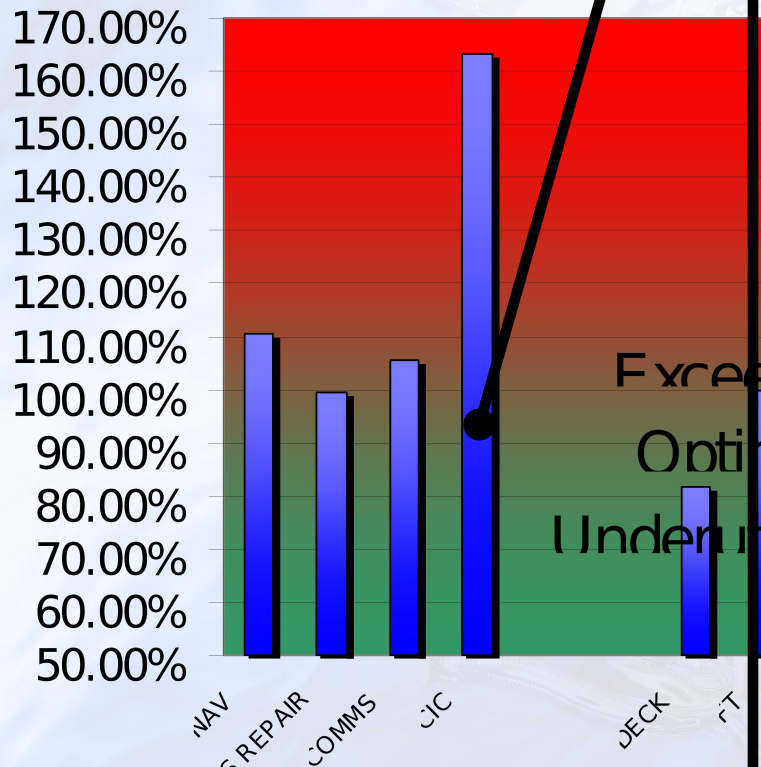
OPS WEAPS ENG SUPP
USCG WHEC 156 RQMT/143 PAL (BA)

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A Common Application



- Test Innovations
- Adjust watches
- Adjust Policy
- Adjust Technology
- Balance Resources
- Run Simulations
- Test Concepts

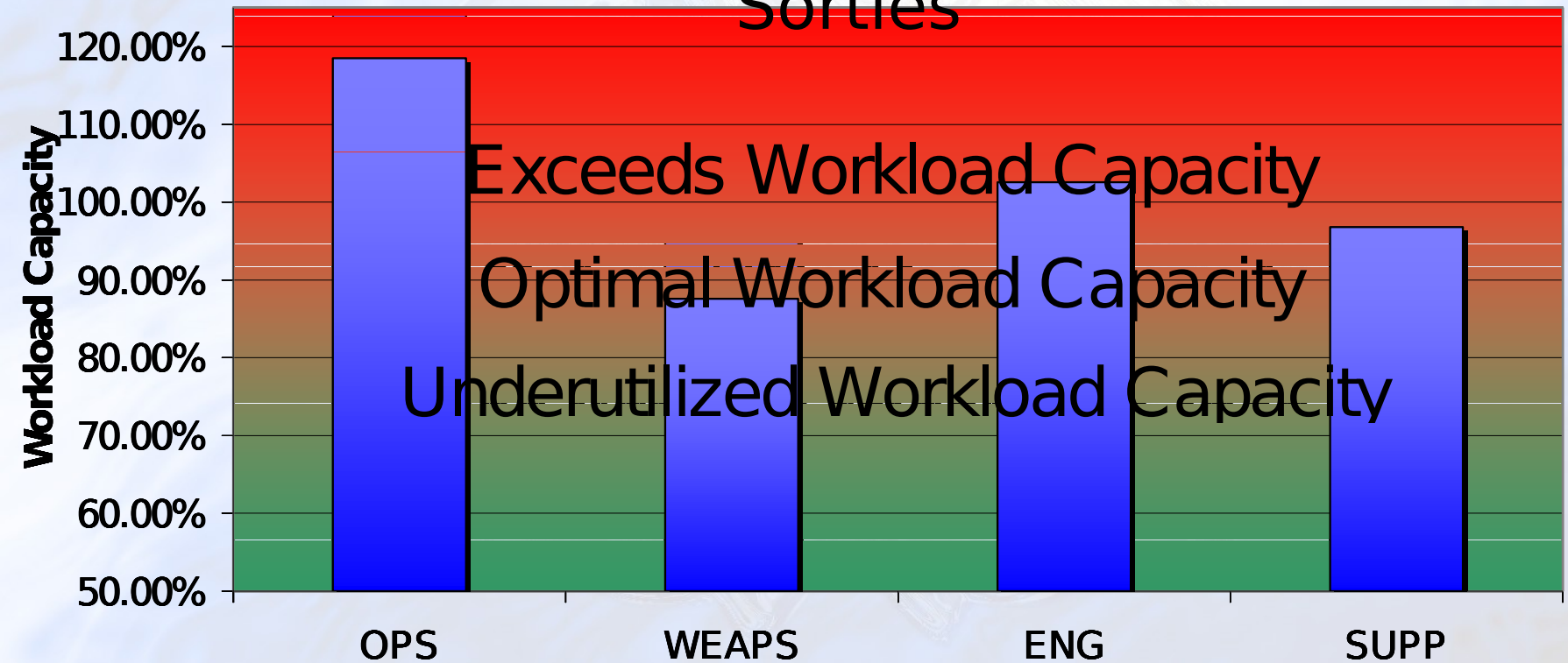
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A Common Application

56 Day Patrol @ 50% FQ & 50% Small Boat Sorties



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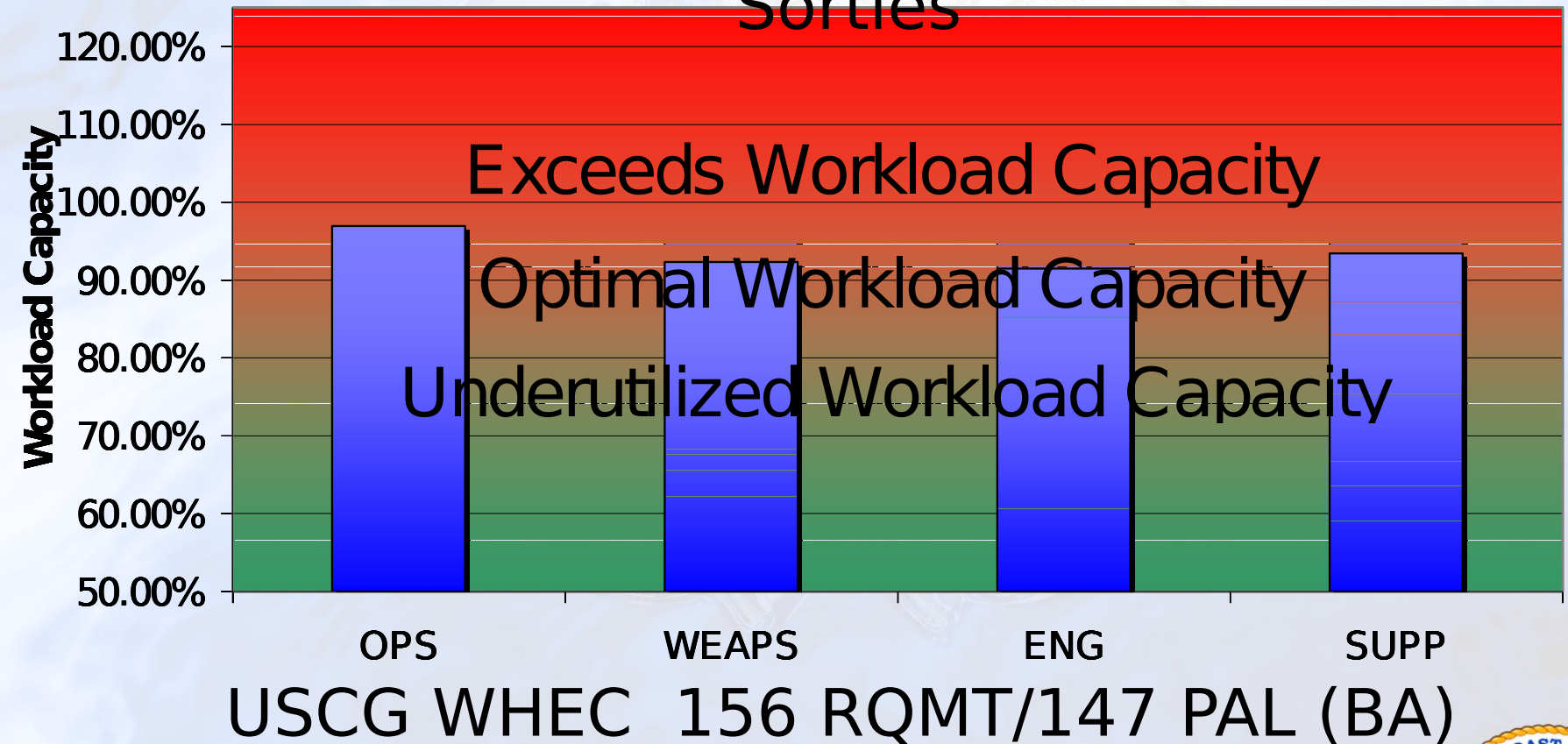
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A Common Application

56 Day Patrol @ 50% FQ & 50% Small Boat Sorties

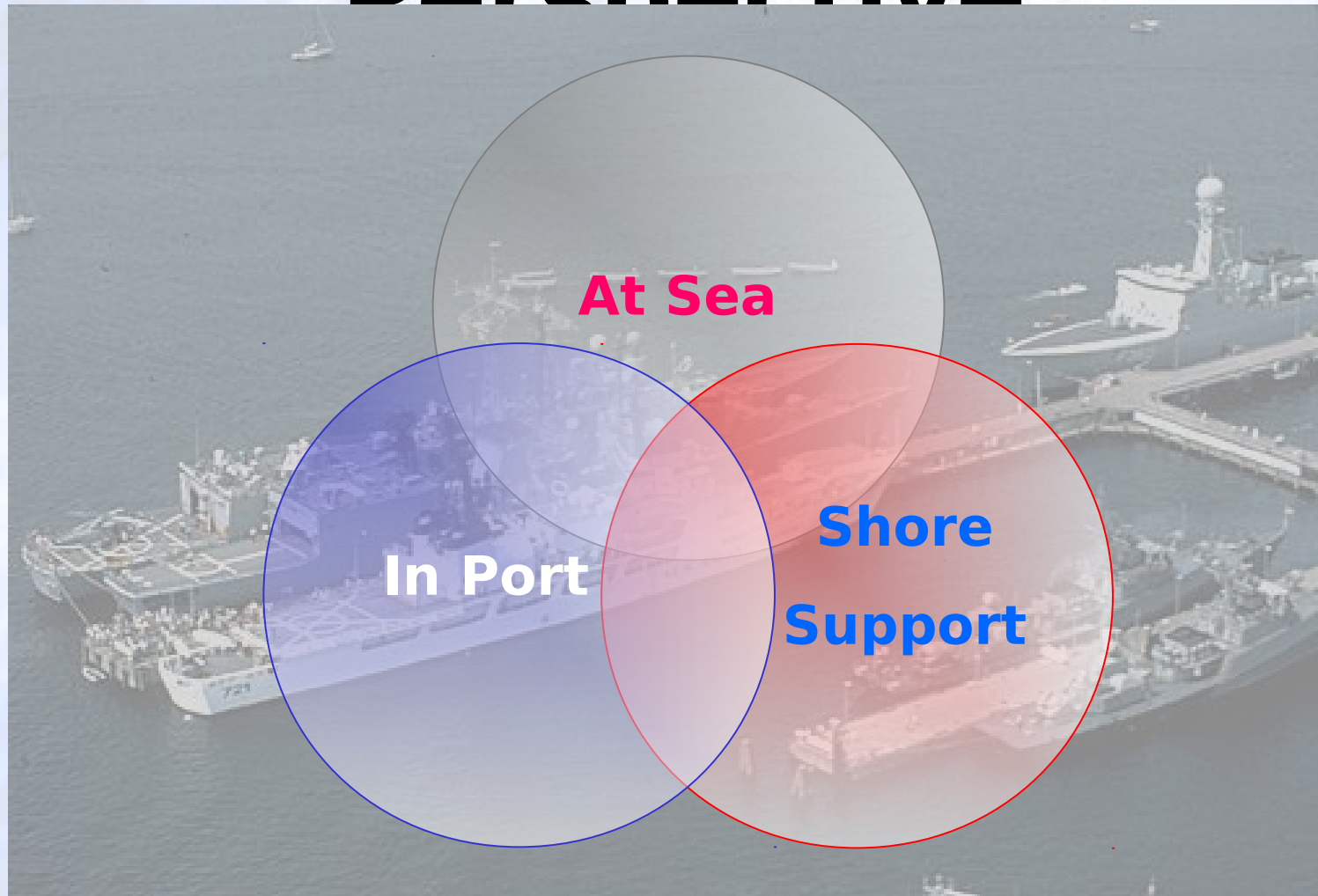


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A Collective Perspective



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Current Success

☐ Deepwater Assets

☐ Legacy Assets

☐ Underway

☐ In port

☐ Shore Support

At Sea

Shore Support

In Port

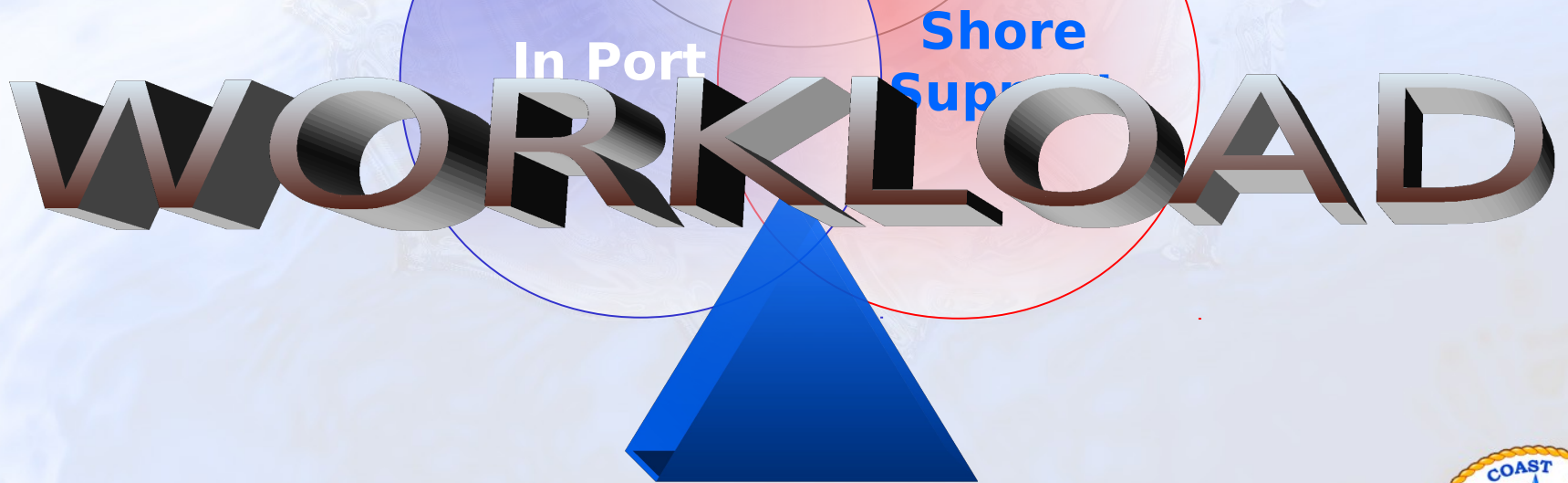
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A Common Vision

- ☐ Common Denominator
- ☐ Control Cost
- ☐ Create Collaboration **At Sea**
- ☐ Manage Capacity
- ☐ Create Accountability
- ☐ Increase Efficiency



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Further Information

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